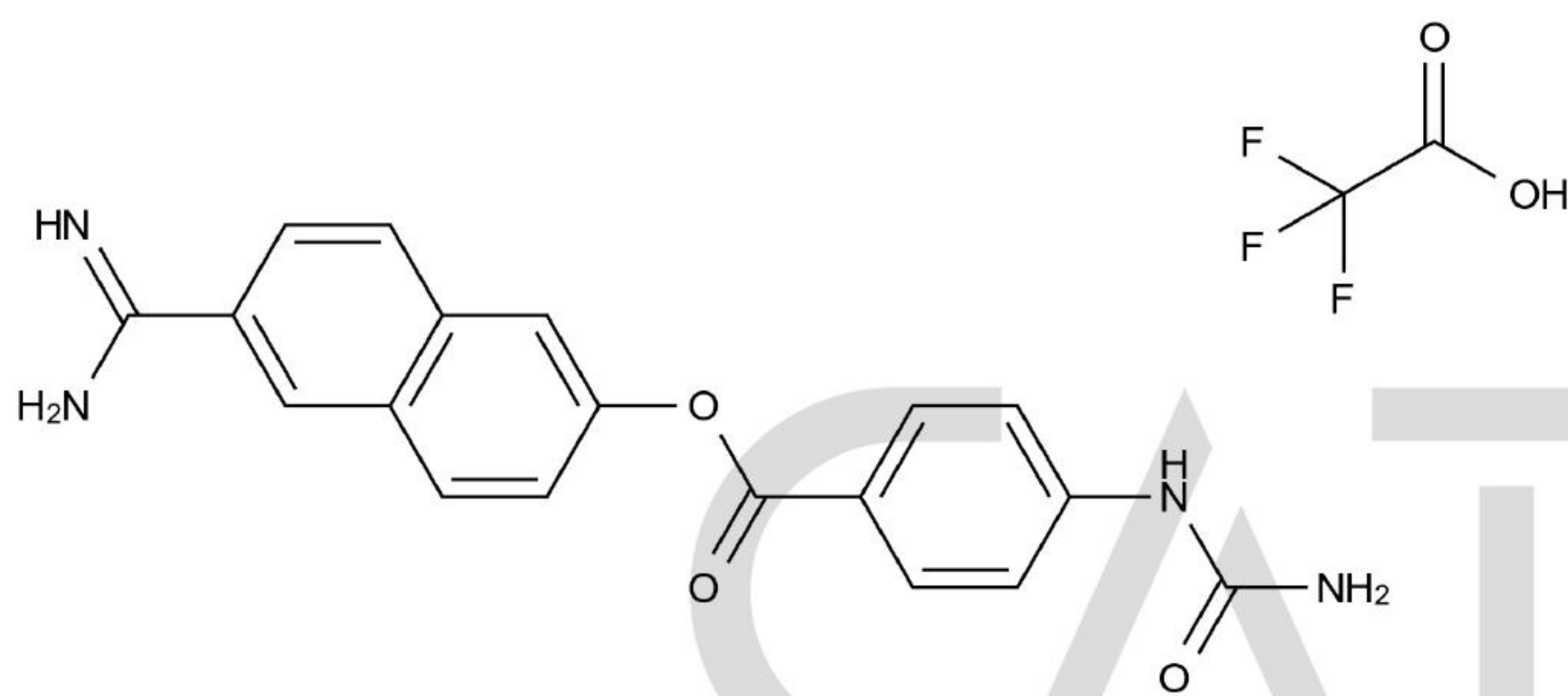


Certificate of Analysis

Reference Material & Standard

Product Name:	Nafamostat Impurity 11 TFA salt	Catalogue Number:	C4X-133211
Synonyms:	N/A	Lot Number:	1027-RE-0023
CAS Number:	N/A	Expiry Date:	Oct 21, 2026
Molecular Formula:	C ₁₉ H ₁₆ N ₄ O ₃ C ₂ H ₃ F ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	348.36 114.02	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.867%
Water Content	Karl Fischer	9.81%
Residual Solvents	NMR	Not detected in NMR
Assay		90.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aproved by General Manager:

David

Date: Oct 27, 2023

Date: Oct 30, 2023

Date: Oct 30, 2023

